

## Exchange Programme in Biology (master's level) (v5)

Language of instruction English

Valid as from the academic year 2020-2021

### 1 General Courses

*The exchange programme contains a preferred list of English courses taught at UGent of the Master of Science in Biology. If you want to choose another course of the main programme, please contact the [departmental Erasmus coordinator](#).*

*Tips Learning Agreement:*

- Please check the [departmental rules](#) for incoming students.
- A minimum number of 24 ECTS per semester (or 48 ECTS per year) should be chosen.
- 80% of the credits should be chosen from the course programme in Biology (i.e. minimum 19 credits on a total of 24 ECTS).
- Short or long term (up to 1 year) research projects can be chosen. Students should have an agreement with a promoter at the faculty of Sciences (UGent) prior to sending their learning agreement, and include the letter of acceptance with their application.

No.	Course name	Lecturer (dept.)	CRDT	Ref	MT1	MT2	Semester	Contact	Study
1	Advanced Biostatistics	Carl Vangestel WE11	5			1		52.5	150
2	Computational Biosciences	Peter Dawyndt WE02	5			1		60	150
3	Biological Excursions in the Human Brain	Robrecht Raedt GE34	5					40	135
4	Immunology and Pathology	Martin Guilliams WE14	5			2		41	135
5	Limnology	Dirk Verschuren WE11	5			2		40	135
6	Marine Ecology	Ann Vanreusel WE11	5					35	135
7	Microbial Ecology	Anne Willems WE10	5			1 <sup>a</sup>		34.5	140
8	Molecular Plant Physiology	Dominique Van Der Straeten WE11	5			(1) <sup>d</sup>		46	135
9	Multivariate Data Analysis	Koen Sabbe WE11	5					60	135
10	Ornithology	Luc Lens WE11	5			2 <sup>a</sup>		49	135
11	Paleobiology of Micro-organisms	Stephen Louwye WE13	5			1		50	140
12	Advanced Cell Biology	Geert van Loo WE14	5			(1) <sup>d</sup>		40	150
13	Functional Diversity of Prokaryotes	Anne Willems WE10	4			(1) <sup>d</sup>		27.5	120
14	Taxonomy and Systematics	Koen Sabbe WE11	4			1		45.5	120
15	Phylogenetics	Olivier De Clerck WE11	4			1		32	120
16	Integrated Biodiversity research Project	Olivier De Clerck WE11	5			2		106.2	150
17	Biodiversity Patterns in Space and Time	Koen Sabbe WE11	4			1		47.5	120
18	Paleobiology	Thijs Vandenbroucke WE13	5			1		62.5	150
19	Biodiversity Conservation	Frédéric Leliaert WE11	4			2		35	120
20	Microevolution and Speciation	Frederik Hendrickx WE11	6			1		58	180
21	Evolutionary Morphology	Lars Chatrou WE11	5			1		30	150
22	Evolutionary Developmental Biology	Paul Witten WE11	5			2		45	150
23	Climate Change	Dirk Verschuren WE11	4			2		37.5	120
24	Spatial Ecology	Dries Bonte WE11	5			1		40	150
25	Ecosystem Dynamics	Elie Verleyen WE11	5			1		50	150
26	Ecosystem Functioning	Tom Moens WE11	5			1		56	150
27	Behavioural Ecology	Diederik Strubbe WE11	4			2		45	120
28	Ecological Modelling	Dries Bonte WE11	7			2		74	210
29	Conservation Genetics	Philippe Helsen WE11	5			2		57.5	150
30	Ecosystem Management and Services	Maurice Hoffmann WE11	7			J		147.5	210
31	Plant Developmental Biology	Tom Beeckman WE09	5			2		46	150
32	Biology of Ageing	Bart Braeckman WE11	4			2		35	120
33	Physiological Regulation in Plants	Dominique Van Der Straeten WE11	5			1		50	150

34	Physiological Regulation in Animals	<i>Johan Aerts WE11</i>	5	2	40	135
35	Functional Biotic Interactions	<i>Dirk de Graaf WE10</i>	6	2	62	180
36	Functional Abiotic Interactions	<i>Bart Braeckman WE11</i>	6	1	75	180
37	Model Organisms	<i>Bart Braeckman WE11</i>	3	2	52.5	90
38	Bioethics	<i>Heidi Mertes LW01</i>	3	1	25	80
39	Evolutionary Developmental Biology of Animals	<i>Paul Witten WE11</i>	5	2	45	140
40	Evolution of Primates and Paleo-anthropology	<i>Dominique Adriaens WE11</i>	3	2 <sup>a</sup>	24	75
41	Biodiversity of Aquatic Food Webs: from Algae to Marine Mammals	<i>Marleen De Troch WE11</i>	3	1	30	90
42	History and Philosophy of Biology	<i>Johan Braeckman LW01</i>	3	1	30	90
43	Introduction to Biomimicry	<i>Liliana D'Alba Altamirano WE11</i>	3	1	37.5	90
44	Research Project		0	A:11, B: 0	0	0

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### Teaching languages

When a course is not taught (solely) in the programme's language of instruction, the effectively used languages are indicated in square brackets following the course name, using the following ISO codes:

bg: Bulgarian	de: German	es: Spanish	ja: Japanese	pl: Polish	sh: Croatian/Serbian	zh: Chinese
cs: Czech	el: Greek	fr: French	nl: Dutch	pt: Portuguese	sl: Slovene	
da: Danish	en: English	it: Italian	no: Norwegian	ru: Russian	sv: Swedish	

### Semester

Semesters are indicated by their number (1 or 2); semester 3 represents the summer period and J indicates a course spanning semesters 1 and 2. When a capital letter precedes a semester number, the course has multiple offerings. The letter indicates the offering concerned.

When a semester is shown in brackets, the course is not offered this year in the specific offering.

The offering frequency and first year of offering are indicated by the following codes:

a: bi-annually	c: annually, from 2021-2022	f: annually, from 2022-2023	i: annually, from 2023-2024
b: tri-annually	d: bi-annually, from 2021-2022	g: bi-annually, from 2022-2023	j: bi-annually, from 2023-2024
	e: tri-annually, from 2021-2022	h: tri-annually, from 2022-2023	k: tri-annually, from 2023-2024